

# MBSM.PRO ,Copeland ,KCE432HAG ,Compresseur Hermétique, 1/4HP, R134, 1ph , Afcon Industrial Equipment,High / Medium temperature (HBP / CBP)

Category: Solutions,Tester ok  
written by Jamila | 10 October 2018

| Performance Nominals      |        |                            |          |          |       |         |          |      |                          |                        |                  |
|---------------------------|--------|----------------------------|----------|----------|-------|---------|----------|------|--------------------------|------------------------|------------------|
| High Back Pressure        |        |                            | Capacity |          |       |         |          |      | Commercial Back Pressure |                        |                  |
| Model                     | HP     | Displacement<br>cc per Rev | 7.2°C    |          |       | -6.7°C  |          |      | Coasting<br>Type (CFM)   | Oil Charge<br>Qty (cc) | Net Wt.<br>(Kg.) |
|                           |        |                            | Btu/Hr.  | kCal/Hr. | Watt  | Btu/Hr. | kCal/Hr. | Watt |                          |                        |                  |
| R134a, 50Hz, 1 Phase      |        |                            |          |          |       |         |          |      |                          |                        |                  |
| KCE419HAG                 | 1/6    | 5.79                       | 1585     | 399      | 465   | 860     | 217      | 252  | Fan 350                  | 310                    | 10.2             |
| KCN413CAG                 | 1/6    | 6.15                       | -        | -        | -     | 1080    | 272      | 316  | Fan 350                  | 340                    | 9.7              |
| KCE425HAG                 | 1/5    | 7.58                       | 2145     | 540      | 629   | 1075    | 271      | 315  | Fan 350                  | 310                    | 10.8             |
| KCN416CAG                 | 1/5    | 7.31                       | -        | -        | -     | 1380    | 338      | 392  | Fan 350                  | 340                    | 9.7              |
| KCE432HAG                 | 1/4    | 9.42                       | 2690     | 678      | 788   | 1330    | 332      | 390  | Fan 350                  | 310                    | 11.8             |
| KCE444HAG                 | 3/8    | 12.05                      | 3675     | 926      | 1077  | 1890    | 474      | 551  | Fan 350                  | 310                    | 11.8             |
| KCN444HAG                 | 3/8    | 12.58                      | 3700     | 932      | 1064  | 1720    | 433      | 504  | Fan 350                  | 890                    | 20.2             |
| KCN463HAG                 | 1/2    | 15.33                      | 5250     | 1323     | 1538  | 3130    | 789      | 917  | Fan 350                  | 380                    | 11.5             |
| KCE467HAG                 | 1/2    | 18.27                      | 5600     | 1411     | 1640  | 2830    | 713      | 829  | Fan 350                  | 890                    | 21.0             |
| KCN498HAG                 | 3/4 +  | 25.91                      | 8200     | 2066     | 2402  | 4100    | 1033     | 1201 | Fan 350                  | 890                    | 21.5             |
| R134a, 60Hz, 1 Phase 230V |        |                            |          |          |       |         |          |      |                          |                        |                  |
| KCE432HAG                 | 1/4    | 9.42                       | 3225     | 813      | 944   | 1595    | 402      | 467  | Fan 350                  | 310                    | 11.8             |
| KCE444HAG                 | 3/8    | 12.05                      | 4275     | 1077     | 1252  | 2187    | 551      | 640  | Fan 350                  | 310                    | 11.8             |
| KCN463HAG                 | 1/2    | 15.33                      | 6300     | 1588     | 1845  | 3443    | 868      | 1008 | Fan 350                  | 380                    | 11.5             |
| KCE467HAG                 | 1/2    | 18.27                      | 6700     | 1688     | 1964  | 3120    | 786      | 914  | Fan 350                  | 890                    | 21.0             |
| KCN498HAG                 | 3/4 +  | 25.91                      | 9250     | 2330     | 2710  | 4633    | 1167     | 1358 | Fan 350                  | 890                    | 21.5             |
| R134a, 60Hz, 115V         |        |                            |          |          |       |         |          |      |                          |                        |                  |
| KCE444HAG                 | 1/3    | 12.05                      | 4200     | 1058     | 1231  | 2175    | 548      | 637  | Fan 350 FM               | 310                    | 11.8             |
| R22, 50Hz, 1 Phase        |        |                            |          |          |       |         |          |      |                          |                        |                  |
| KCE443HAE                 | 1/3    | 8.00                       | 3600     | 907      | 1054  | 1620    | 408      | 475  | Fan 350                  | 310                    | 11.8             |
| KCE461HAE                 | 1/2    | 11.50                      | 5100     | 1285     | 1494  | 2590    | 653      | 759  | Fan 350                  | 590                    | 13.4             |
| KCE511HAE                 | 1      | 18.27                      | 9350     | 2356     | 2740  | 4210    | 1061     | 1234 | Fan 350                  | 905                    | 21.5             |
| KCE513HAE                 | 1 1/4  | 25.91                      | 12800    | 3225     | 3749  | 6366    | 1604     | 1865 | Fan 350                  | 890                    | 22.5             |
| CR22K6M-PF1               | 1 1/2+ | 40.80                      | 19000    | 4788     | 5563  | 8920    | 2248     | 2614 | Fan 400                  | 1330                   | 29.8             |
| CR30K6M-PF1               | 2 1/2  | 51.47                      | 25000    | 6300     | 7330  | 12000   | 3024     | 3516 | Fan 400                  | 1330                   | 32.5             |
| CR36K6-PF2                | 3      | 59.65                      | 30100    | 7585     | 8814  | 14200   | 3578     | 4161 | Fan 400                  | 1330                   | 34.9             |
| CR42K6-PF2                | 3 1/2  | 72.08                      | 36100    | 9100     | 10570 | 17300   | 4360     | 5069 | Fan 400                  | 1330                   | 34.9             |
| R22, 50Hz, 3 Phase        |        |                            |          |          |       |         |          |      |                          |                        |                  |
| CR22K6M-TFM               | 1 1/2+ | 40.80                      | 18350    | 4633     | 5373  | 8260    | 2082     | 2420 | Fan 400                  | 1330                   | 29.5             |
| CR30K6M-TFM               | 2 1/2  | 51.47                      | 24400    | 6161     | 7144  | 11600   | 2923     | 3399 | Fan 400                  | 1330                   | 30.0             |
| CR36K6-TF6                | 3      | 59.66                      | 29900    | 7535     | 8755  | 14500   | 3654     | 4249 | Fan 400                  | 1330                   | 31.0             |
| CR42K6-TF5                | 3 1/2  | 72.09                      | 35100    | 8845     | 10278 | 17200   | 4334     | 5040 | Fan 400                  | 1330                   | 32.7             |
| KCE554HAE                 | 4 1/2  | 99.96                      | 45000    | 11340    | 13185 | -       | -        | -    | Fan 420                  | 2250                   | 50.1             |
| KCE562HAE                 | 5      | 117.65                     | 52000    | 13100    | 15236 | -       | -        | -    | Fan 420                  | 2250                   | 50.7             |
| KCE572HAE                 | 6      | 133.22                     | 60000    | 15120    | 17580 | -       | -        | -    | Fan 420                  | 2250                   | 51.4             |
| R22, 60Hz, 1 Phase        |        |                            |          |          |       |         |          |      |                          |                        |                  |
| KCE461HAE                 | 1/2    | 11.50                      | 6100     | 1537     | 1788  | 3082    | -        | -    | Fan 350                  | 510                    | 13.4             |
| KCE511HAE                 | 1      | 18.27                      | 10500    | 2646     | 3077  | 4210    | 1061     | 1234 | Fan 350                  | 905                    | 21.5             |

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